

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|------------------------|------------------|---------|------------------|
| L6 | 210546 | poly\$acrylate and lyocel and silver nitrate | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/17 08:21 |
| L7 | 0 | poly\$acrylate and lyocel and silver with nitrate | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/17 08:22 |
| L8 | 52 | poly\$acrylate and lyocell and silver with nitrate | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/17 08:22 |
| S1 | 71 | lyocell and silver and impregnation | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:13 |
| S2 | 0 | lyocell and silver and impregnation and "162". clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:13 |
| S3 | 71 | lyocell and silver and impregnation | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:14 |
| S4 | 90 | lyocell and silver and impregnated | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:14 |
| S5 | 2 | lyocell and silver and impregnated and "162". clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:14 |
| S6 | 121 | evan and KOSLOW | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:19 |
| S7 | 1 | evan and KOSLOW and "662" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:19 |
| S8 | 4 | evan and KOSLOW and integrated and paper | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/19 16:20 |
| S9 | 3 | ((REINER) near2 ((BUETTNER)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:24 |
| S10 | 2 | ((HARDY) near2 ((MARKWITZ)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:26 |
| S11 | 4 | ((CARMEN) near2 ((KNOBELSDORF)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:27 |
| S12 | 17 | ((RALF) near2 (BAUER)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:28 |
| S13 | 1 | ((RALF) near2 (BAUER)).INV. and silver | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:28 |
| S14 | 1 | ((RALF) near2 (BAUER)).INV. and copper | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:28 |
| S15 | 9 | ((FRANK) near2 ((MEISTER)).INV. | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:28 |
| S16 | 1 | ((FRANK) near2 ((MEISTER)).INV. and silver | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:29 |

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| S17 | 29 | S9 S10 S11 S12 S15 | US-PGPUB; USPAT | OR | OFF | 2009/02/19 17:29 |
| S18 | 0 | S9 S10 S11 S12 S15 | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:29 |
| S19 | 10 | ((REINER) near2 (BUETTNER).INV. | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:30 |
| S20 | 0 | (((REINER) near2 (BUETTNER).INV.) and silver | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:32 |
| S21 | 6 | ((HARDY) near2 (MARKWITZ).INV. | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:32 |
| S22 | 4 | ((CARMEN) near2 (KNOBELSDORF).INV. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 17:32 |
| S23 | 20 | ((RALF) near2 (BAUER)). INV. | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:39 |
| S24 | 0 | cross near2 (linked link) and cation near3 active near3 ion near3 (exchanger exchangers) | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:45 |
| S25 | 7 | cross near2 (linked link) and cation near3 active near3 ion near3 (exchanger exchangers) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:45 |
| S26 | 152 | cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:46 |
| S27 | 22 | cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers) and silver and cellulose | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:46 |
| S28 | 1 | cross near2 (linked link) and cation near3 ion near3 (exchanger exchangers) and silver and cellulose and lyocell | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 17:46 |
| S29 | 1 | "20050035057".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 17:55 |
| S30 | 0 | superabsorbent same polymer same (cation cationic) and silver and "162".clas. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 17:58 |
| S31 | 30 | superabsorbent same polymer same (cation cationic) and silver | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 17:58 |
| S32 | 4 | superabsorbent same polymer same (cation cationic) and silver and lyocell | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 17:58 |

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| S33 | 30 | superabsorbent same polymer same (cation cationic) and silver | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/19 18:03 |
| S34 | 0 | superabsorbent same polymer same (cation cationic) and silver and lyocell | EPO; JPO; DERWENT | OR | OFF | 2009/02/19 18:03 |
| S35 | 31 | superabsorbent same polymer same (cation cationic) and silver | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 18:03 |
| S36 | 2 | "20040016909".pn. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/19 18:18 |
| S37 | 1 | "20050035057".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/23 08:10 |
| S38 | 1 | "5853867".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/02/23 11:16 |
| S39 | 3726 | superabsorbent same (crosslinked or cross-linked) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 11:55 |
| S40 | 4 | superabsorbent same (crosslinked or cross-linked) same weakly | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 11:55 |
| S41 | 6 | superabsorbent same (crosslinked or cross-linked) same silver same ions | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:02 |
| S42 | 56 | superabsorbent same (crosslinked or cross-linked) same ions | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:03 |
| S43 | 243 | superabsorbent same (crosslinked or cross-linked) same low | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:04 |
| S44 | 148 | superabsorbent same (crosslinked or cross-linked) and silver and ions | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:05 |
| S45 | 0 | superabsorbent same (crosslinked or cross-linked) and silver and ions and crosslinkers | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:06 |
| S46 | 46 | superabsorbent same (crosslinked or cross-linked) and silver and ions and crosslinkers | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/02/23 12:06 |

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| S47 | 81 | (lyocell tencell) and silver and poly\$acrylate | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:19 |
| S48 | 3 | 10/622882 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:40 |
| S49 | 24 | 10/286695 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:40 |
| S50 | 66 | (lyocell tencell) and silver and poly\$acrylate and cross\$2link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:42 |
| S51 | 7001 | (cellulose) and silver and poly\$acrylate and cross \$2link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:50 |
| S52 | 1574 | (cellulose) and silver and poly\$acrylate same cross \$2link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:50 |
| S53 | 107 | (cellulose) and silver near2 ions and poly\$acrylate same cross\$2link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:50 |
| S54 | 10 | (cellulose) same silver near2 ions and poly \$acrylate same cross\$2link \$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:50 |
| S55 | 1 | (cellulose) same silver near2 ions and poly \$acrylate same cross\$2link \$3 same \$3ion same exchange\$2 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:54 |
| S56 | 1 | (cellulose) and silver near2 ions and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:54 |
| S57 | 80 | (cellulose) and silver and poly\$acrylate same cross \$2link\$3 same \$3ion same exchange\$2 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 15:55 |
| S58 | 0 | "09599811".ap. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:13 |
| S59 | 0 | "09599811" | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:13 |
| S60 | 1 | "09/ 599811" | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:13 |
| S61 | 70 | (cellulose) and silver and copper and poly\$acrylate same cross\$2link\$3 same \$3ion same exchange\$2 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:50 |
| S62 | 89 | (cellulose) and copper and poly\$acrylate same cross \$2link\$3 same \$3ion same exchange\$2 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:51 |

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| S63 | 160 | (lyocell tencell rayon) and silver and poly\$6acrylate same cross\$link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 16:56 |
| S64 | 1 | "6605751".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 17:04 |
| S65 | 0 | pentosan and elmore and acid | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 17:05 |
| S66 | 17 | pentosan and elmore and acid | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/06 17:05 |
| S67 | 0 | lyocell same substiute same rayon | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 14:39 |
| S68 | 1 | lyocell same substitute same rayon | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 14:39 |
| S69 | 1163 | lyocell same rayon | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 14:39 |
| S70 | 685 | lyocell near2 rayon | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 14:40 |
| S71 | 233 | lyocell near2 rayon | USPAT | OR | OFF | 2009/08/14 14:40 |
| S72 | 1 | lyocell same rayon same environment | USPAT | OR | OFF | 2009/08/14 14:42 |
| S73 | 0 | lyocell same rayon same environmental | USPAT | OR | OFF | 2009/08/14 14:42 |
| S74 | 0 | lyocell same rayon same environmental | US-PGPUB; USPAT | OR | OFF | 2009/08/14 14:42 |
| S75 | 5 | lyocell same rayon same environment | US-PGPUB; USPAT | OR | OFF | 2009/08/14 14:43 |
| S76 | 109 | cross\$link\$2 near2 polymer same ion same exchanger | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:43 |
| S77 | 19 | cross\$link\$2 near2 polymer same ion same exchanger and (silver or copper) | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:44 |
| S78 | 38 | cross\$link\$2 near2 polymer same ion same exchanger and (silver or copper) | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:44 |
| S79 | 57 | weak\$2 near2 cross\$link\$2 near2 polymer | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:46 |
| S80 | 18 | weak\$2 near2 cross\$link\$2 near2 polymer and cellulose | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:46 |
| S81 | 8 | weak\$2 near2 cross\$link\$2 near2 polymer and cellulose and ions | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:46 |
| S82 | 1 | "20040016909".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:50 |

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| S83 | 177 | lyocell and (anti\$bacterial anti\$b microbial) and ions | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:58 |
| S84 | 118 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:58 |
| S85 | 99 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver and polymer | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:58 |
| S86 | 86 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver and polymer and cross\$link\$3 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 15:58 |
| S87 | 86 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver and polymer and cross\$link\$3 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 15:58 |
| S88 | 2 | "7157389".pn. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:07 |
| S89 | 54 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver and polymer and cross\$link\$3 and poly \$acrylate | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:12 |
| S90 | 48 | lyocell and (anti\$bacterial anti\$b microbial) and ions and silver and polymer and cross\$link\$3 and poly \$acrylate and (benzoic sorbic) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:12 |
| S91 | 4 | cation same exhange same ion same polymer same cross near2 link\$3 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:18 |
| S92 | 2111 | polymer same cross near2 link\$3 same ion near2 exchange | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:19 |
| S93 | 113 | polyacrylate same cross near2 link\$3 same ion near2 exchange | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:19 |
| S94 | 30320 | polymer same weak\$2 cross near2 link\$3 same ion near2 exchange | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:21 |
| S95 | 227 | polymer same weak\$2 same cross near2 link\$3 same ion near2 exchange | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:21 |

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| S96 | 14 | polymer same weak\$2 near4 cross near2 link\$3 same ion near2 exchange | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | OFF | 2009/08/14 16:21 |
| S97 | 1 | "6288158".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:24 |
| S98 | 1 | "6110533".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:24 |
| S99 | 8425 | superabsorbent | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:26 |
| S100 | 1 | superabsorbent and lyocell and silver near2 ions | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:26 |
| S101 | 1 | super\$1absorbent and lyocell and silver near2 ions | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:27 |
| S102 | 1 | super\$1absorbent and lyocell and silver near2 ion \$1 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:27 |
| S103 | 1 | super\$1absorbent and lyocell and (silver copper) near2 ion\$1 | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:27 |
| S104 | 52 | super\$1absorbent and lyocell and (silver copper) | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:27 |
| S105 | 9 | super\$1absorbent and lyocell and (silver copper) and (benzoic sorbic) | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:29 |
| S106 | 1 | "6562743".pn. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 16:32 |
| S107 | 215 | benzoic same (anti \$bacterial anti\$microbial) same cellulose | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 17:23 |
| S108 | 0 | benzoic same (anti \$bacterial anti\$microbial) same cellulose and "162". clas. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 17:23 |
| S109 | 12 | benzoic same (anti \$bacterial anti\$microbial) and "162".clas. | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 17:23 |
| S110 | 50 | benzoic near5(anti \$bacterial anti\$microbial) same cellulose | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 17:24 |
| S111 | 98 | benzoic and sorbic and copper same antibacterial | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/08/14 17:28 |

EAST Search History (Interference)

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8/17/2009 8:28:13 AM

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exchanger with silver.wsp